

Combined Declaration for Patent Application and Power of Attorney

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name; and that I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

INTERLEUKIN-1 ANTAGONISTS, DNA ENCODING SAME, AND ANTIBODIES THERETO

the specification of which (check one)

[] is attached hereto;

[XX] was filed in the United States under 35 U.S.C. §111 on 13 August 1997, as
USSN _____*; or

[] was/will be filed in the U.S. under 35 U.S.C. §371 by entry into the U.S. national stage of
an international (PCT) application, PCT/_____; filed _____,
entry requested on _____*; national stage application received
USSN _____*; §371/§102(e) date _____* (*if known),

and was amended on _____ (if applicable).

(include dates of amendments under PCT Art. 19 and 34 if PCT)

I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above; and I acknowledge the duty to disclose to the Patent and Trademark Office (PTO) all information known by me to be material to patentability as defined in 37 C.F.R. § 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. §§ 119, 365 of any prior foreign application(s) for patent or inventor's certificate, or prior PCT application(s) designating a country other than the U.S., listed below with the "Yes" box checked and have also identified below any such application having a filing date before that of the application on which priority is claimed:

<u>MI 94 A 002097</u>	<u>Italy</u>	<u>13 October 1994</u>	[X]	[]
(Number)	(Country)	(Day Month Year Filed)	YES	NO
_____	_____	_____	[]	[]
(Number)	(Country)	(Day Month Year Filed)	YES	NO
_____	_____	_____	[]	[]
(Number)	(Country)	(Day Month Year Filed)	YES	NO

I hereby claim the benefit under 35 U.S.C. § 120 of any prior U.S. non-provisional Application(s) or prior PCT Application(s) designating the U.S. listed below, or under § 119(e) of any prior U.S. provisional applications listed below, and, insofar as the subject matter of each of the claims of this application is not disclosed in such U.S. or PCT application in the manner provided by the first paragraph of 35 U.S.C. §112, I acknowledge the duty to disclose to the PTO all information as defined in 37 C.F.R. §1.56(a) which occurred between the filing date of the prior application and the national filing date of this application:

<u>08/476,860</u>	<u>07 June 1995</u>	<u>pending</u>
(Application Serial No.)	(Day Month Year Filed)	(Status: patented, pending, abandoned)
_____	_____	_____
(Application Serial No.)	(Day Month Year Filed)	(Status: patented, pending, abandoned)

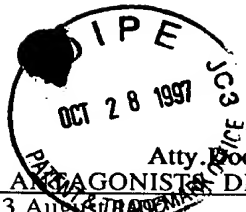
I hereby appoint the following attorneys, with full power of substitution, association, and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

SHERIDAN NEIMARK, REG. NO. 20,520 - ROGER L. BROWDY, REG. NO. 25,618 - ANNE M. KORNBAU, REG. NO. 25,884
NORMAN J. LATKER, REG. NO. 19,963 - IVER P. COOPER, REG. NO. 28,005 - ALLEN C. YUN, REG. NO. 37,971*
NICK S. BROMER, REG. NO. 33,478 - * Patent Agent

ADDRESS ALL CORRESPONDENCE TO
BROWDY AND NEIMARK, P.L.L.C.
419 Seventh Street, N.W.
Washington, D.C. 20004

DIRECT ALL TELEPHONE CALLS TO:
BROWDY AND NEIMARK
(202) 628-5197

The undersigned hereby authorizes the U.S. Attorneys or Agents named herein to accept and follow instructions from INSTITUTO FARMACOLOGICA SERONO S.P.A. as to any action to be taken in the U.S. Patent and Trademark Office regarding this application without direct communication between the U.S. Attorney or Agent and the undersigned. In the event of a change of the persons from whom instructions may be taken, the U.S. Attorneys or Agents named herein will be so notified by the undersigned.



Page 2 of 2

Atty. Pocket: COLOTTA=1A

Title: INTERLEUKIN-1 ANTAGONISTS: DNA ENCODING SAME, AND ANTIBODIES THERETO

U.S. Application filed 13 AUG 1997, Serial No. _____

PCT Application filed _____, Serial No. _____

I hereby further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. §1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

FULL NAME OF FIRST INVENTOR Francesco COLOTTA	INVENTOR'S SIGNATURE	DATE
RESIDENCE Milano, Italy	CITIZENSHIP Italian	
POST OFFICE ADDRESS Via Paolo Bassi 1, 20159 Milano, Italy		
FULL NAME OF SECOND JOINT INVENTOR Marta MUZIO	INVENTOR'S SIGNATURE	DATE
RESIDENCE Milano, Italy	CITIZENSHIP Italian	
POST OFFICE ADDRESS Via Forze Armate 250, 20152 Milano, Italy		
FULL NAME OF THIRD JOINT INVENTOR Alberto MANTOVANI	INVENTOR'S SIGNATURE <i>Alberto Mantovani</i>	DATE 17/9/97
RESIDENCE Milano, Italy	CITIZENSHIP Italian	
POST OFFICE ADDRESS Largo Brasilia 4, 20146 Milano, Italy		
FULL NAME OF FOURTH JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
RESIDENCE	CITIZENSHIP	
POST OFFICE ADDRESS		
FULL NAME OF FIFTH JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
RESIDENCE	CITIZENSHIP	
POST OFFICE ADDRESS		
FULL NAME OF SIXTH JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
RESIDENCE	CITIZENSHIP	
POST OFFICE ADDRESS		
FULL NAME OF SEVENTH JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
RESIDENCE	CITIZENSHIP	
POST OFFICE ADDRESS		

ALL INVENTORS MUST REVIEW APPLICATION AND DECLARATION BEFORE SIGNING. ALL ALTERATIONS MUST BE INITIALED AND DATED BY ALL INVENTORS PRIOR TO EXECUTION. NO ALTERATIONS CAN BE MADE AFTER THE DECLARATION IS SIGNED. ALL PAGES OF DECLARATION MUST BE SEEN BY ALL INVENTORS.

Combined Declaration for Patent Application and Power of Attorney

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name; and that I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

INTERLEUKIN-1 ANTAGONISTS, DNA ENCODING SAME, AND ANTIBODIES THERETO

the specification of which (check one)

[] is attached hereto;

[XX] was filed in the United States under 35 U.S.C. §111 on 13 August 1997, as USSN _____*; or

[] was/will be filed in the U.S. under 35 U.S.C. §371 by entry into the U.S. national stage of an international (PCT) application, PCT/_____; filed _____, entry requested on _____*; national stage application received USSN _____*; §371/§102(e) date _____* (*if known),

and was amended on _____ (if applicable).

(include dates of amendments under PCT Art. 19 and 34 if PCT)

I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above; and I acknowledge the duty to disclose to the Patent and Trademark Office (PTO) all information known by me to be material to patentability as defined in 37 C.F.R. § 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. §§ 119, 365 of any prior foreign application(s) for patent or inventor's certificate, or prior PCT application(s) designating a country other than the U.S., listed below with the "Yes" box checked and have also identified below any such application having a filing date before that of the application on which priority is claimed:

<u>MI 94 A 002097</u>	<u>Italy</u>	<u>13 October 1994</u>	[X]	[]
(Number)	(Country)	(Day Month Year Filed)	YES	NO
_____	_____	_____	[]	[]
(Number)	(Country)	(Day Month Year Filed)	YES	NO
_____	_____	_____	[]	[]
(Number)	(Country)	(Day Month Year Filed)	YES	NO

I hereby claim the benefit under 35 U.S.C. § 120 of any prior U.S. non-provisional Application(s) or prior PCT Application(s) designating the U.S. listed below, or under § 119(e) of any prior U.S. provisional applications listed below, and, insofar as the subject matter of each of the claims of this application is not disclosed in such U.S. or PCT application in the manner provided by the first paragraph of 35 U.S.C. §112, I acknowledge the duty to disclose to the PTO all information as defined in 37 C.F.R. §1.56(a) which occurred between the filing date of the prior application and the national filing date of this application:

<u>08/476,860</u>	<u>07 June 1995</u>	<u>pending</u>
(Application Serial No.)	(Day Month Year Filed)	(Status: patented, pending, abandoned)
_____	_____	_____
(Application Serial No.)	(Day Month Year Filed)	(Status: patented, pending, abandoned)

I hereby appoint the following attorneys, with full power of substitution, association, and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

SHERIDAN NEIMARK, REG. NO. 20,520 - ROGER L. BROWDY, REG. NO. 25,618 - ANNE M. KORNBAU, REG. NO. 25,884
 NORMAN J. LATKER, REG. NO. 19,963 - IVER P. COOPER, REG. NO. 28,005 - ALLEN C. YUM, REG. NO. 37,971*
 NICK S. BROMER, REG. NO. 33,478 - * Patent Agent

ADDRESS ALL CORRESPONDENCE TO
BROWDY AND NEIMARK, P.L.L.C.
 419 Seventh Street, N.W.
 Washington, D.C. 20004

DIRECT ALL TELEPHONE CALLS TO:
BROWDY AND NEIMARK
 (202) 628-5197


The undersigned hereby authorizes the U.S. Attorneys or Agents named herein to accept and follow instructions from INSTITUTO FARMACOLOGICA SERONO S.P.A. as to any action to be taken in the U.S. Patent and Trademark Office regarding this application without direct communication between the U.S. Attorney or Agent and the undersigned. In the event of a change of the persons from whom instructions may be taken, the U.S. Attorneys or Agents named herein will be so notified by the undersigned.

Atty. Docket: COLOTTA=1A

Title: INTERLEUKIN-1 ANTAGONISTS, DNA ENCODING SAME, AND ANTIBODIES THERETOU.S. Application filed 13 August 1997, Serial No. _____

PCT Application filed _____, Serial No. _____

I hereby further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. §1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

FULL NAME OF FIRST INVENTOR Francesco COLOTTA		INVENTOR'S SIGNATURE 	DATE Sept. 15, 1997
RESIDENCE Milano, Italy		CITIZENSHIP Italian	
POST OFFICE ADDRESS Via Paolo Bassi 1, 20159 Milano, Italy			
FULL NAME OF SECOND JOINT INVENTOR Marta MUZIO		INVENTOR'S SIGNATURE	DATE
RESIDENCE Milano, Italy		CITIZENSHIP Italian	
POST OFFICE ADDRESS Via Forze Armate 250, 20152 Milano, Italy			
FULL NAME OF THIRD JOINT INVENTOR Alberto MANTOVANI		INVENTOR'S SIGNATURE	DATE
RESIDENCE Milano, Italy		CITIZENSHIP Italian	
POST OFFICE ADDRESS Largo Brasilia 4, 20146 Milano, Italy			
FULL NAME OF FOURTH JOINT INVENTOR		INVENTOR'S SIGNATURE	DATE
RESIDENCE		CITIZENSHIP	
POST OFFICE ADDRESS			
FULL NAME OF FIFTH JOINT INVENTOR		INVENTOR'S SIGNATURE	DATE
RESIDENCE		CITIZENSHIP	
POST OFFICE ADDRESS			
FULL NAME OF SIXTH JOINT INVENTOR		INVENTOR'S SIGNATURE	DATE
RESIDENCE		CITIZENSHIP	
POST OFFICE ADDRESS			
FULL NAME OF SEVENTH JOINT INVENTOR		INVENTOR'S SIGNATURE	DATE
RESIDENCE		CITIZENSHIP	
POST OFFICE ADDRESS			

Combined Declaration for Patent Application and Power of Attorney

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name; and that I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

INTERLEUKIN-1 ANTAGONISTS, DNA ENCODING SAME, AND ANTIBODIES THERETO

the specification of which (check one)

☐ is attached hereto;☒ was filed in the United States under 35 U.S.C. §111 on 13 August 1997, as
USSN _____; or☐ was/will be filed in the U.S. under 35 U.S.C. §371 by entry into the U.S. national stage of an international (PCT) application, PCT/_____; filed _____,
entry requested on _____; national stage application received
USSN _____; §371/§102(e) date _____ (*if known),

and was amended on _____ (if applicable).

(include dates of amendments under PCT Art. 19 and 34 if PCT)

I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above; and I acknowledge the duty to disclose to the Patent and Trademark Office (PTO) all information known by me to be material to patentability as defined in 37 C.F.R. § 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. §§ 119, 365 of any prior foreign application(s) for patent or inventor's certificate, or prior PCT application(s) designating a country other than the U.S., listed below with the "Yes" box checked and have also identified below any such application having a filing date before that of the application on which priority is claimed:

<u>MI 94 A 002097</u>	<u>Italy</u>	<u>13 October 1994</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
(Number)	(Country)	(Day Month Year Filed)	YES	NO
_____	_____	_____	<input type="checkbox"/>	<input type="checkbox"/>
(Number)	(Country)	(Day Month Year Filed)	YES	NO
_____	_____	_____	<input type="checkbox"/>	<input type="checkbox"/>
(Number)	(Country)	(Day Month Year Filed)	YES	NO

I hereby claim the benefit under 35 U.S.C. § 120 of any prior U.S. non-provisional Application(s) or prior PCT Application(s) designating the U.S. listed below, or under § 119(e) of any prior U.S. provisional applications listed below, and, insofar as the subject matter of each of the claims of this application is not disclosed in such U.S. or PCT application in the manner provided by the first paragraph of 35 U.S.C. §112, I acknowledge the duty to disclose to the PTO all information as defined in 37 C.F.R. §1.56(a) which occurred between the filing date of the prior application and the national filing date of this application:

<u>08/476,860</u>	<u>07 June 1995</u>	<u>pending</u>
(Application Serial No.)	(Day Month Year Filed)	(Status: patented, pending, abandoned)
_____	_____	_____
(Application Serial No.)	(Day Month Year Filed)	(Status: patented, pending, abandoned)

I hereby appoint the following attorneys, with full power of substitution, association, and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

SHERIDAN NEIMARK, REG. NO. 20,520 - ROGER L. BROWDY, REG. NO. 25,618 - ANNE M. KORNBAU, REG. NO. 25,884
NORMAN J. LATKER, REG. NO. 19,963 - IVER P. COOPER, REG. NO. 28,005 - ALLEN C. YUN, REG. NO. 37,971*
NICK S. BROMER, REG. NO. 33,478 - * Patent Agent

ADDRESS ALL CORRESPONDENCE TO
BROWDY AND NEIMARK, P.L.L.C.
419 Seventh Street, N.W.
Washington, D.C. 20004

DIRECT ALL TELEPHONE CALLS TO:
BROWDY AND NEIMARK
(202) 628-5197

The undersigned hereby authorizes the U.S. Attorneys or Agents named herein to accept and follow instructions from ISTITUTO FARMACOLOGICA SERONO S.P.A. as to any action to be taken in the U.S. Patent and Trademark Office regarding this application without direct communication between the U.S. Attorney or Agent and the undersigned. In the event of a change of the persons from whom instructions may be taken, the U.S. Attorneys or Agents named herein will be so notified by the undersigned.

Title: INTERLEUKIN-1 ANTAGONISTS, DNA ENCODING SAME, AND ANTIBODIES THERETO
 U.S. Application filed 13 August 1997, Serial No. _____
 PCT Application filed _____, Serial No. _____

I hereby further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. §1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

FULL NAME OF FIRST INVENTOR Francesco COLOTTA	INVENTOR'S SIGNATURE	DATE
RESIDENCE Milano, Italy	CITIZENSHIP Italian	
POST OFFICE ADDRESS Via Paolo Bassi 1, 20159 Milano, Italy		
FULL NAME OF SECOND JOINT INVENTOR Marta MUZIO	INVENTOR'S SIGNATURE <i>Marta Muzio</i>	DATE 6.04.1997
RESIDENCE Milano, Italy	CITIZENSHIP Italian	
POST OFFICE ADDRESS Via Forze Armate 250, 20152 Milano, Italy		
FULL NAME OF THIRD JOINT INVENTOR Alberto MANTOVANI	INVENTOR'S SIGNATURE	DATE
RESIDENCE Milano, Italy	CITIZENSHIP Italian	
POST OFFICE ADDRESS Largo Brasilia 4, 20146 Milano, Italy		
FULL NAME OF FOURTH JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
RESIDENCE	CITIZENSHIP	
POST OFFICE ADDRESS		
FULL NAME OF FIFTH JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
RESIDENCE	CITIZENSHIP	
POST OFFICE ADDRESS		
FULL NAME OF SIXTH JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
RESIDENCE	CITIZENSHIP	
POST OFFICE ADDRESS		
FULL NAME OF SEVENTH JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
RESIDENCE	CITIZENSHIP	
POST OFFICE ADDRESS		